



TEREZ PC 9005 GF 20 FL			
PC			Ter Plastics
Product Texts			
Polycarbonat medium flowability with 20% glass fiber and flame retardants For all kind of injection molding parts increased requirements of rigidity			
Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Tensile Modulus	6300	MPa	ISO 527-1/-2
Tensile Strength	110	MPa	ISO 527-1/-2
Yield stress	90	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	130	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	145	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Electrical properties			
ISO Data	Value	Unit	Test Standard
Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E13	Ohm	IEC 60093
Comparative tracking index	175	-	IEC 60112
Other properties			
ISO Data	Value	Unit	Test Standard
Density	1330	kg/m ³	ISO 1183